

| L Number | Hits | Search Text   | DB                 | Time stamp       |
|----------|------|---|--------------------|------------------|
| 3        | 480  | (382/\$.ccls. 358/\$.ccls.) and (contrast near5 (sum adding addition added))  | USPAT;<br>US-PGPUB | 2004/07/26 10:35 |
| 4        | 343  | (382/\$.ccls. 358/\$.ccls.) and (contrast near3 (sum adding addition added))  | USPAT;<br>US-PGPUB | 2004/07/26 10:35 |
| 8        | 4    | ("4648120"   "4691366"   "4817166"   "4901362").PN.   | USPAT              | 2004/07/26 10:39 |
| 9        | 13   | 5210799.URPN.   | USPAT              | 2004/07/26 10:40 |
| -        | 1    | ("20020145757").PN.   | US-PGPUB           | 2004/07/18 13:50 |
| -        | 3    | ((("4731671") or ("5642433") or ("5822453"))).PN.   | USPAT;<br>US-PGPUB | 2004/07/13 16:17 |
| -        | 25   | (miller-michael-e.in. miller-michael.in.) and eastman.as.   | USPAT;<br>US-PGPUB | 2004/07/13 16:19 |
| -        | 327  | contrast.ti,ab. and eastman.as.   | USPAT;<br>US-PGPUB | 2004/07/13 16:20 |
| -        | 29   | (edge\$1 and contrast).ti,ab. and eastman.as.   | USPAT;<br>US-PGPUB | 2004/07/13 16:24 |
| -        | 57   | (382/\$.ccls. 358/\$.ccls.) and ((determin\$6 calculat\$6) near3 contrast\$1).ti,ab.  | USPAT;<br>US-PGPUB | 2004/07/19 13:50 |
| -        | 57   | (382/\$.ccls. 358/\$.ccls.) and ((determin\$6 calculat\$6) near3 contrast\$1).ti,ab. and ((determin\$6 calculat\$6) near3 contrast\$1)  | USPAT;<br>US-PGPUB | 2004/07/13 16:25 |
| -        | 40   | (382/\$.ccls. 358/\$.ccls.) and (contrast same averag\$3 same (edge\$1 border\$1 boundar\$4) same range)  | USPAT;<br>US-PGPUB | 2004/07/18 13:02 |
| -        | 675  | (382/\$.ccls.) and (contrast.ti,ab.)  | USPAT;<br>US-PGPUB | 2004/07/18 13:02 |
| -        | 19   | (382/\$.ccls.) and (contrast.ti,ab.) and (contrast near3 (edge\$1 and averag\$5))   | USPAT;<br>US-PGPUB | 2004/07/18 13:03 |
| -        | 20   | (382/\$.ccls. 358/\$.ccls.) and (contrast.ti,ab.) and (contrast near3 (edge\$1 and averag\$5))  | USPAT;<br>US-PGPUB | 2004/07/18 13:06 |
| -        | 5    | (382/\$.ccls. 358/\$.ccls.) and (overall near2 contrast.ti,ab.)   | USPAT;<br>US-PGPUB | 2004/07/18 13:06 |
| -        | 1    | 5642433.pn.   | USPAT              | 2004/07/18 13:54 |
| -        | 32   | ("3629499"   "3721759"   "3743427"   "3824393"   "3851156"   "4000417"   "4012634"   "4045772"   "4220850"   "4341953"   "4349254"   "4352545"   "4577095"   "4626674"   "4636051"   "4725722"   "4810869"   "4887125"   "4991970"   "5042077"   "5051770"   "5072382"   "5091963"   "5107422"   "5162990"   "5204761"   "5206919"   "5239170"   "5257182"   "5287272"   "5315700"   "5361140").PN. | USPAT              | 2004/07/18 13:50 |
| -        | 4    | 5642433.URPN.   | USPAT              | 2004/07/18 13:52 |
| -        | 3    | (382/286.ccls.) and contrast.ti,ab.   | USPAT              | 2004/07/20 13:12 |
| -        | 19   | (382/199.ccls.) and contrast.ti,ab.   | USPAT              | 2004/07/20 12:06 |
| -        | 101  | (382/274.ccls.) and contrast.ti,ab.   | USPAT              | 2004/07/19 12:51 |
| -        | 7    | ("4571635"   "4724544"   "4761819"   "4941190"   "5081692"   "5113454"   "5195175").PN.   | USPAT              | 2004/07/19 13:28 |
| -        | 11   | 5524070.URPN.   | USPAT              | 2004/07/19 13:30 |
| -        | 6    | ("4825297"   "4887306"   "4941190"   "5031226"   "5103311"   "5524070").PN.   | USPAT              | 2004/07/19 13:34 |
| -        | 1    | 5838835.URPN.   | USPAT              | 2004/07/19 13:35 |
| -        | 6    | ("3737854"   "4187519"   "4731865"   "4991092"   "5450502"   "5454053").PN.   | USPAT              | 2004/07/19 13:38 |
| -        | 0    | 6208766.URPN.   | USPAT              | 2004/07/19 13:38 |
| -        | 6    | ("4887305"   "5544219"   "5615279"   "5696805"   "6215900"   "6269140").PN.   | USPAT              | 2004/07/19 13:39 |
| -        | 0    | 6718056.URPN.   | USPAT              | 2004/07/19 13:40 |
| -        | 37   | (382/\$.ccls. 358/\$.ccls.) and (global adj contrast)   | USPAT;<br>US-PGPUB | 2004/07/19 14:17 |
| -        | 385  | (382/\$.ccls. 358/\$.ccls.) and (measur\$6 near2 contrast)  | USPAT;<br>US-PGPUB | 2004/07/19 14:17 |
| -        | 19   | (382/\$.ccls. 358/\$.ccls.) and (measur\$6 near2 contrast).ti,ab.   | USPAT;<br>US-PGPUB | 2004/07/19 14:43 |
| -        | 40   | 3737855.URPN.   | USPAT              | 2004/07/19 14:22 |
| -        | 24   | 3737855.URPN. and contrast  | USPAT;<br>US-PGPUB | 2004/07/19 14:22 |
| -        | 3    | ("3624606"   "3339179"   "3588818").PN.   | USPAT              | 2004/07/19 14:42 |
| -        | 72   | (382/\$.ccls. 358/\$.ccls.) and (contrast near4 definition)   | USPAT;<br>US-PGPUB | 2004/07/19 14:43 |

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| - | 87   | (382/\$.ccls. 358/\$.ccls.) and (contrast near4 equation)   | USPAT;    | 2004/07/19 14:53 |
| - | 67   | (382/\$.ccls. 358/\$.ccls.) and (contrast near6 (range and average\$1))   | US-PGPUB  | 2004/07/19 14:54 |
| - | 9    | (382/\$.ccls. 358/\$.ccls.) and (contrast near5 range near5 average\$3)   | USPAT;    | 2004/07/19 14:56 |
| - | 44   | (382/\$.ccls. 358/\$.ccls.) and (contrast with range with average\$3)   | US-PGPUB  | 2004/07/19 15:00 |
| - | 1077 | (382/\$.ccls. 358/\$.ccls.) and (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5))  | USPAT;    | 2004/07/20 12:07 |
| - | 30   | (382/\$.ccls. 358/\$.ccls.) and (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5)) same (range\$1 and average\$1)   | US-PGPUB  | 2004/07/19 15:12 |
| - | 14   | (382/\$.ccls. 358/\$.ccls.) and (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5)) same (((min minimum) and (max maximum)) and average\$1) not ((382/\$.ccls. 358/\$.ccls.) and (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5)) same (range\$1 and average\$1))  | USPAT;    | 2004/07/19 15:25 |
| - | 3    | (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5)) same (((min minimum) and (max maximum)) range) and average\$1)   | EPO; JPO; | 2004/07/19 15:23 |
| - | 623  | (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5))  | IBM_TDB   | 2004/07/19 15:23 |
| - | 2    | (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5)) and (edge\$1 and range\$1)   | EPO; JPO; | 2004/07/19 15:23 |
| - | 11   | (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5)) and (global overall)   | IBM_TDB   | 2004/07/19 15:23 |
| - | 53   | (382/\$.ccls. 358/\$.ccls.) and (perceived near3 contrast)  | EPO; JPO; | 2004/07/19 15:27 |
| - | 59   | (382/\$.ccls. 358/\$.ccls.) and (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5)).ti,ab.   | USPAT;    | 2004/07/19 15:36 |
| - | 32   | ("3629499"   "3721759"   "3743427"   "3824393"   "3851156"   "4000417"   "4012634"   "4045772"   "4220850"   "4341953"   "4349254"   "4352545"   "4577095"   "4626674"   "4636051"   "4725722"   "4810869"   "4887125"   "4991970"   "5042077"   "5051770"   "5072382"   "5091963"   "5107422"   "5162990"   "5204761"   "5206919"   "5239170"   "5257182"   "5287272"   "5315700"   "5361140").PN. | USPAT     | 2004/07/19 15:35 |
| - | 20   | (382/\$.ccls. 358/\$.ccls.) and (contrast near2 score\$1)   | USPAT;    | 2004/07/19 15:41 |
| - | 27   | ("4071911"   "4086434"   "4583834"   "5038319"   "5057866"   "5084875"   "5121195"   "5365310"   "5436734"   "5510876"   "5510896"   "5580177"   "5612902"   "5619307"   "5642202"   "5680541"   "5694528"   "5727135"   "5748221"   "5761505"   "5884118"   "5892451"   "5893083"   "6023525"   "6023595"   "6480202"   "6614456").PN.   | USPAT;    | 2004/07/19 15:41 |
| - | 12   | ((("4071911"   "4086434"   "4583834"   "5038319"   "5057866"   "5084875"   "5121195"   "5365310"   "5436734"   "5510876"   "5510896"   "5580177"   "5612902"   "5619307"   "5642202"   "5680541"   "5694528"   "5727135"   "5748221"   "5761505"   "5884118"   "5892451"   "5893083"   "6023525"   "6023595"   "6480202"   "6614456").PN.) and contrast   | US-PGPUB  | 2004/07/19 15:41 |
| - | 299  | (382/199.ccls.) and contrast  | USPAT     | 2004/07/20 12:07 |
| - | 398  | (382/199.ccls.) and contrast  | USPAT;    | 2004/07/20 12:07 |
| - | 46   | (382/199.ccls.) and (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5))  | US-PGPUB  | 2004/07/20 12:20 |
| - | 64   | 348/353.ccls.   | USPAT;    | 2004/07/20 12:18 |
| - | 4    | ("4414575"   "4422097"   "4531158"   "4550995").PN.   | US-PGPUB  | 2004/07/20 12:17 |
| - | 5    | 4782396.URPN.   | USPAT     | 2004/07/20 12:17 |
| - | 1991 | contrast.ti.  | EPO; JPO  | 2004/07/20 12:18 |
| - | 318  | (image\$1 and contrast).ti.   | EPO; JPO  | 2004/07/20 12:19 |
| - | 35   | (contrast near2 (calculat\$5 comput\$5 measur\$6 determin\$5)).ti.  | EPO; JPO  | 2004/07/20 12:26 |
| - | 135  | 382/\$.ccls. and contrast.ti.   | USPAT;    | 2004/07/20 12:37 |
| - | 42   | 358/\$.ccls. and contrast.ti. not (382/\$.ccls. and contrast.ti.)   | US-PGPUB  | 2004/07/20 13:09 |
| - | 19   | 345/617.ccls.   | USPAT;    | 2004/07/20 13:10 |
| - |      |   | US-PGPUB  |                  |

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| - | 83    | (382/286.ccls.) and contrast   | USPAT              | 2004/07/20 13:14 |
| - | 35    | (382/\$.ccls. 358/\$.ccls.) and contrast near2 quantit\$3  | USPAT;<br>US-PGPUB | 2004/07/20 13:15 |
| - | 14104 | (382/\$.ccls. 358/\$.ccls.) and contrast   | USPAT;<br>US-PGPUB | 2004/07/20 13:16 |
| - | 846   | (382/\$.ccls. 358/\$.ccls.) and contrast.ti,ab.  | USPAT;<br>US-PGPUB | 2004/07/20 13:17 |
| - | 846   | (382/\$.ccls. 358/\$.ccls.) and contrast.ti,ab. and contrast   | USPAT;<br>US-PGPUB | 2004/07/20 13:19 |
| - | 39    | (382/\$.ccls. 358/\$.ccls.) and (contrast near2 edge\$1) and (contrast near2 (range\$1 (max and min) (maximum and minimum)))   | USPAT;<br>US-PGPUB | 2004/07/20 13:21 |
| - | 87    | (382/\$.ccls. 358/\$.ccls.) and (contrast near2 edge\$1) and (contrast near6 (range\$1 (max and min) (maximum and minimum)))   | USPAT;<br>US-PGPUB | 2004/07/20 13:31 |
| - | 1     | ("20020145757").PN.  | US-PGPUB           | 2004/07/20 14:08 |
| - | 3     | ("4539701"   "4573191"   "4858157").PN.  | USPAT              | 2004/07/20 13:57 |
| - | 8     | 5566246.URPN.  | USPAT              | 2004/07/20 13:57 |
| - | 0     | ((("5524070") or ("6718056") or ("3737855"))).PN.  | US-PGPUB           | 2004/07/20 14:08 |
| - | 3     | ((("5524070") or ("6718056") or ("3737855"))).PN.  | USPAT;<br>US-PGPUB | 2004/07/20 14:08 |
| - | 662   | lau.in.  | EPO                | 2004/07/21 10:09 |
| - | 1     | lau.in. and contrast   | EPO                | 2004/07/21 10:15 |
| - | 1     | 5091963.pn.  | USPAT              | 2004/07/21 10:23 |
| - | 1408  | (345/20,63,77,581-618,596-599,690-697.ccls. 348/251,254.ccls. 358/461.ccls.) and contrast  | USPAT              | 2004/07/21 10:24 |
| - | 1809  | (345/20,63,77,581-618,596-599,690-697.ccls. 348/251,254.ccls. 358/461.ccls.) and contrast  | USPAT;<br>US-PGPUB | 2004/07/21 10:24 |
| - | 160   | (345/20,63,77,581-618,596-599,690-697.ccls. 348/251,254.ccls. 358/461.ccls.) and contrast near3 (measur\$6 comput\$6 calculat\$6 determin\$6)  | USPAT;<br>US-PGPUB | 2004/07/21 14:10 |
| - | 6     | ("3983320"   "4168120"   "4403253"   "4410909"   "4467364"   "4472736").PN.  | USPAT              | 2004/07/21 10:37 |
| - | 13    | 4642683.URPN.  | USPAT              | 2004/07/21 10:37 |
| - | 187   | (382/274,286,199.ccls. 345/20,63,77,581-618,596-599,690-697.ccls. 348/251,254,353.ccls. 358/461.ccls.) and variation near3 (measur\$6 comput\$6 calculat\$6 determin\$6)   | USPAT;<br>US-PGPUB | 2004/07/21 11:05 |
| - | 179   | (382/274,286,199.ccls. 345/20,63,77,581-618,596-599,690-697.ccls. 348/251,254,353.ccls. 358/461.ccls.) and variation near3 (measur\$6 comput\$6 calculat\$6 determin\$6) not ((345/20,63,77,581-618,596-599,690-697.ccls. 348/251,254.ccls. 358/461.ccls.) and contrast near3 (measur\$6 comput\$6 calculat\$6 determin\$6))   | USPAT;<br>US-PGPUB | 2004/07/21 11:05 |
| - | 8     | ((382/274,286,199.ccls. 345/20,63,77,581-618,596-599,690-697.ccls. 348/251,254,353.ccls. 358/461.ccls.) and variation near3 (measur\$6 comput\$6 calculat\$6 determin\$6)) and ((345/20,63,77,581-618,596-599,690-697.ccls. 348/251,254.ccls. 358/461.ccls.) and contrast near3 (measur\$6 comput\$6 calculat\$6 determin\$6)) | USPAT;<br>US-PGPUB | 2004/07/21 11:07 |
| - | 305   | (382/\$.ccls. 358/\$.ccls.) and (averag\$6 lowpass (low adj pass)) and (laplacian sobel prewitt (edge adj detector\$1)) and (range (max and min) (maximum and minimum))  | USPAT;<br>US-PGPUB | 2004/07/21 11:15 |
| - | 9     | (382/\$.ccls. 358/\$.ccls.) and (averag\$6 lowpass (low adj pass)) same (laplacian sobel prewitt (edge adj detector\$1)) same (range (max and min) (maximum and minimum))  | USPAT;<br>US-PGPUB | 2004/07/21 11:09 |
| - | 157   | (382/\$.ccls. 358/\$.ccls.) and (averag\$6 lowpass (low adj pass)) and (laplacian sobel prewitt (edge adj detector\$1)) and (range (max and min) (maximum and minimum)) and contrast   | USPAT;<br>US-PGPUB | 2004/07/21 13:54 |
| - | 9     | ("5280367"   "5363209"   "5481628"   "5539541"   "5583659"   "5699454"   "5825937"   "5848181"   "5850298"   "2001/0050778").PN.   | USPAT              | 2004/07/21 13:40 |
| - | 0     | 6621595.URPN.  | USPAT              | 2004/07/21 13:41 |
| - | 57    | (382/\$.ccls. 358/\$.ccls.) and ((area adj contrast) (edge adj contrast))  | USPAT;<br>US-PGPUB | 2004/07/21 13:58 |
| - | 4     | (382/\$.ccls. 358/\$.ccls.) and ((linear weighted) near2 combination\$1) near5 contrast  | USPAT;<br>US-PGPUB | 2004/07/21 14:09 |
| - | 681   | (345/\$.ccls.) and contrast.ti,ab.   | USPAT;<br>US-PGPUB | 2004/07/21 14:10 |

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| - | 105 | (345/\$.ccls.) and contrast.ti.   | USPAT;<br>US-PGPUB | 2004/07/21 14:10 |
| - | 708 | (345/\$.ccls.) and contrast near3 (measur\$6 comput\$6 calculat\$6 determin\$6)   | USPAT;<br>US-PGPUB | 2004/07/21 14:11 |
| - | 20  | (345/\$.ccls.) and (contrast near3 (measur\$6 comput\$6 calculat\$6 determin\$6)).ti,ab.  | USPAT;<br>US-PGPUB | 2004/07/21 14:14 |
| - | 73  | (382/\$.ccls.) and (contrast near3 (measur\$6 comput\$6 calculat\$6 determin\$6)).ti,ab.  | USPAT;<br>US-PGPUB | 2004/07/21 14:14 |
| - | 8   | ("4509195"   "4901365"   "4992955"   "5026974"   "5063607"   "5086484"   "5101440"   "5128528").PN.   | USPAT              | 2004/07/21 14:20 |
| - | 16  | 5268580.URPN.   | USPAT              | 2004/07/21 14:21 |
| - | 13  | ("4897881"   "4924078"   "4948955"   "4988852"   "5073953"   "5086215"   "5093872"   "5120940"   "5134272"   "5134669"   "5268580"   "5296690"   "5304787").PN. | USPAT              | 2004/07/21 14:25 |
| - | 19  | 5504319.URPN.   | USPAT              | 2004/07/21 14:27 |
| - | 147 | (382/\$.ccls. 358/\$.ccls.) and (contrast same (deviation and mean))  | USPAT;<br>US-PGPUB | 2004/07/25 13:31 |
| - | 60  | (382/\$.ccls. 358/\$.ccls.) and (contrast with (deviation and mean))  | USPAT;<br>US-PGPUB | 2004/07/25 13:31 |
| - | 39  | (382/\$.ccls. 358/\$.ccls.) and (contrast with (deviation with mean))   | USPAT;<br>US-PGPUB | 2004/07/25 13:37 |
| - | 19  | (382/\$.ccls. 358/\$.ccls.) and (contrast same (deviation same mean)) same local\$2   | USPAT;<br>US-PGPUB | 2004/07/25 13:45 |
| - | 24  | (382/\$.ccls. 358/\$.ccls.) and (contrast same (linear adj combin\$8))  | USPAT;<br>US-PGPUB | 2004/07/26 10:34 |